

Product	Model	Item	Description	Suggested U.S. List Price	UPC
FLK	FLK-196/003	677591	100MHZ SCOPEMETER FL196 USA	2,295.00	0 95969 07612 8
FLK	FLK-196/003S	677598	100MHZ SCOPEMETER SCC FL196S USA	2,685.00	0 95969 07613 5
FLK	FLK-196M/838	1576093	100 MHZ SCOPEMETER MEDICAL AMERICA	3,085.00	0 95969 09011 7
FLK	FLK-199/003	677762	200MHZ SCOPEMETER FL199 USA	2,595.00	0 95969 07646 3
FLK	FLK-199/003S	677765	200MHZ SCOPEMETER SCC FL199 USA	2,985.00	0 95969 07647 0
FLK	FLK-199M/838	1576101	200 MHZ SCOPEMETER MEDICAL AMERICA	3,485.00	0 95969 09012 4
FLK	FLK-83-3	616778	MULTIMETER	289.00	0 95969 05691 5
FLK	FLK-85-3	616711	TRUE RMS MULTIMETER	325.00	0 95969 05690 8
FLK	FLK-87-3	616620	TRUE RMS MULTIMETER	349.00	0 95969 05689 2
FLK	FLK-87E-3	616786	TRUE RMS MULTIMETER-ELECTRICAL	369.00	0 95969 05692 2
FLK	FLUKE-10	897749	MULTIMETER	79.00	0 95969 01515 8
FLK	FLUKE-110 ESFP	1575060	TRMS MULTIMETER, NO AMPS (US, FR, SP, POR)	99.00	0 95969 09598 3
FLK	FLUKE-111 ESFP	1575051	TRMS MULTIMETER (US, FR, SP, POR)	129.00	0 95969 09597 6
FLK	FLUKE-112 ESFP	1575049	TRMS MULTIMETER W/BACKLIGHT (US, FR, SP, POR)	149.00	0 95969 09596 9
FLK	FLUKE-112/322 KIT	1998939	ELECTRICIANS MULTIMETER AND CLAMP METER COMBO KIT	219.00	0 95969 13685 3
FLK	FLUKE-12	897756	MULTIMETER	109.00	0 95969 01517 2
FLK	FLUKE-1520	1556892	MEGOHMMETER	649.00	0 95969 09103 9
FLK	FLUKE-1550	1643493	5KV MEGOHMMETER	2,795.00	0 95969 11889 7
FLK	FLUKE-16	617941	MULTIMETER	129.00	0 95969 05305 1
FLK	FLUKE-16/322 KIT	1998956	HVAC MULTIMETER AND CLAMP METER COMBO KIT	199.00	0 95969 13687 7
FLK	FLUKE-175 ESFP	1564551	TRMS MULTIMETER (ENG, SP, FR, POR)	169.00	0 95969 09518 1
FLK	FLUKE-177 ESFP	1564560	TRMS MULTIMETER W/BACKLIGHT (ENG, SP, FR, POR)	194.00	0 95969 09519 8
FLK	FLUKE-179 ESFP	1564549	TRMS MULTIMETER W/BACKLIGHT & TEMP (ENG, SP, FR, POR)	214.00	0 95969 09520 4
FLK	FLUKE-179/1AC KIT	1998942	ELECTRICIANS MULTIMETER, VOLTAGE TESTER, AND DELUXE ACCESSORY COMBO KIT	259.00	0 95969 13686 0
FLK	FLUKE-179/EDA KIT	1998963	ELECTRONICS MULTIMETER AND DELUXE ACCESSORY COMBO KIT	259.00	0 95969 13688 4
FLK	FLUKE-179/TPAK	1780000	FLUKE-179 WITH TPAK	224.00	0 95969 01427 4
FLK	FLUKE-187	1567749	TRUE RMS MULTIMETER	379.00	0 95969 08930 2
FLK	FLUKE-189	1567751	LOGGING MULTIMETER	399.00	0 95969 08931 9
FLK	FLUKE-189/FVF	1779386	FLUKE-189 WITH FLUKEVIEW FORM	489.00	0 95969 01413 7
FLK	FLUKE-196C/003	1634714	SCOPEMETER 100MHZ COLOR USA	2,695.00	0 95969 11290 1
FLK	FLUKE-196C/003S	1634882	SCOPEMETER 100MHZ COLOR SCC USA	3,085.00	0 95969 11307 6
FLK	FLUKE-199C/003	1635395	SCOPEMETER 200MHZ COLOR USA	2,995.00	0 95969 11358 8
FLK	FLUKE-199C/003S	1635567	SCOPEMETER 200MHZ COLOR SCC USA	3,385.00	0 95969 11375 5
FLK	FLUKE-1AC-A1	200565	ACV DETECTOR,90-600V,ENGL/SPAN/FRENCH	20.95	0 95969 04651 0

The Fluke 175, 177 and 179 Digital Multimeters

Tough meters for industrial professionals

New



True-rms

The 170 series replaces the popular 70 Series and delivers three new, feature-packed DMMs to Fluke's world-class product line. The 175, 177 and 179 are designed tough to withstand the harshest work environments, and are accurate enough to rival most bench meters.

Features include:

- Limited lifetime warranty
- 6000 count display provides better resolution
- 0.09% basic dc accuracy zeros-in on tight readings (177 & 179)
- True-rms ac voltage and current measurement for accurate readings on all waveforms
- Min/Max/Average records irregular activity

- Auto and manual hold
- Frequency, capacitance and resistance capabilities
- 177 and 179 have a backlight to illuminate the screen in dark workspaces
- The 179 measures temperature in °C and °F (thermocouple included)
- IEC 1010 CAT IV 600 V, CAT III 1000 V safety ratings
- Easy-access battery door to change the battery without breaking the calibration seal
- Drop protected to 1 meter
- Overmolded case features integrated probe holders
- Compatible with ToolPak™ meter hanging kit

Model Differences (all other specifications are the same for each model)

Feature	175	177	179
Backlight		•	•
Temperature Measurement			•
Basic dc voltage accuracy	0.15%	0.09%	0.09%

Specifications - 170 Series

Function	Range & resolution	Best accuracy
VDC	600.0 mV, 6.000 V, 60.00 V, 600.0 V, 1000 V	±0.09 % (Models 177 and 179) ±0.15 % (Model 175)
VAC ¹	600.0 mV, 6.000 V, 60.00 V, 600.0 V, 1000 V	±1.0 % of reading
ADC	60.00 mA, 400.0 mA, 6.000 A, 10.00 A ²	±1.0 % of reading
AAC ²	60.00 mA, 400.0 mA, 6.000 A, 10.00 A ²	±1.5 % of reading
Resistance	600.0 Ω, 6.000 kΩ, 60.00 kΩ, 600.0 kΩ, 6.000 MΩ, 50.00 MΩ	±0.9 % of reading
Capacitance	1000 nF, 10.00 μF, 100.0 μF, 9999 μF	±1.2 % of reading
Frequency ³	99.99 Hz, 999.9 Hz, 9.999 kHz, 99.99 kHz	±0.1 % of reading
Temperature (Model 179)	-40 °C to +400 °C, -40 °F to +752 °F	1.0% of reading

¹All AC voltage and AC current ranges are specified from 5% of range to 100% of range.

²10 A continuous, 20 A for up to 30 seconds.

³Voltage Frequency is specified from 2 Hz to 100 kHz. Current Frequency is specified from 2 Hz to 30 kHz.

Battery life: 200 hours typical for alkaline

Size: (H x W x L): 4.3 cm x 9.0 cm x 18.5 cm

Limited lifetime warranty

Recommended Accessories - 170 Series DMMs

Model	Description
TPAK	Meter hanging kit with magnet
C25	Soft vinyl carrying case
CS10	Top grain leather carrying case
I200	AC current clamp
TL23F	Electrical test lead set

Accessories and Ordering Information

Included accessories

Every Fluke 170 Series meter comes packaged with TL75 test leads, 9V battery (installed), and manual. The Fluke 179 comes with an 80BK Temperature Probe.

Ordering information

Fluke-175 Digital Multimeter

Fluke-177 Digital Multimeter

Fluke-179 Digital Multimeter

For more information, visit us at www.fluke.com/catalog.asp?p=170 or, 1-800 FLUKEFAX, Product code 2163 (US only)